



## EDUCATION

### University of Manitoba

September 2018 - June 2023

Bachelor of Science - Major, Computer Science

## SKILLS

<b>Programming &amp; Markup Languages</b>	Javascript, Python, Java, C, C++, C#, HTML, CSS, Markdown
<b>Libraries/Frameworks</b>	React, Node.js, Express.js, REST APIs, Pandas, OpenGL
<b>Tools / Platforms</b>	GitHub, Visual Studio Code, Jupyter Notebook, Figma, Heroku
<b>Command-Line Interfaces (CLI)</b>	Git Bash, PowerShell, Unix/Linux
<b>Databases</b>	SQL, NoSQL, MongoDB
<b>Development Methodologies</b>	Agile, Scrum, DevOps, OOP, SOLID

## PROJECTS

### [Sky Cast Weather App](#) | [Web Link](#) | MERN, REST APIs, CSS, NoSQL, Git, Heroku

- Developed a mobile-responsive app with CSS media queries for an enhanced visual web experience.
- Integrated Google Place API for location-based autocomplete, enhancing user search experience.
- Utilized MongoDB for data storage and ensured seamless frontend-backend integration.

### [Little Lemon Restaurant App](#) | [Web Link](#) | UX/UI, Material UI, Formik, React, Figma

- Transitioned from wireframes to high-fidelity prototypes and conducted user evaluations to refine the final design.
- Designed a mobile-responsive interface with Material UI for improved user experience.
- Incorporated Formik for efficient and reliable client-side form validation for table reservations.

### [Sentiment Analysis on Yelp Reviews](#) | Data Mining, Jupyter Notebook, Pandas

- Analyzed and curated data, deriving insights about the most-reviewed cities.
- Utilized the TF-IDF approach to enhance sentiment analysis results.
- Applied K-Means clustering, recommending restaurants with similar profiles to users.

### [Basic Ray Tracing Technique Implementation](#) | OpenGL, C++, Visual Studio

- Implemented bounding volume hierarchies (BVH) to improve rendering speed.
- Used Schlick's approximation and shading models for varied visual scene results.
- Applied super-sampling anti-aliasing for improved visual quality.

## CERTIFICATIONS

<a href="#">Meta Front-End Developer Specialization</a>	Coursera	October 2023
<a href="#">DevOps, Cloud, and Agile Foundations</a>	Coursera	October 2023

## EXPERIENCE

**Store Associate (Permanent Part-time)** Winnipeg, Manitoba, Canada  
**Dollarama** November 2023 - Current

- Merchandised products, managed cash register operations, and provided customer service.

**Casino Dealer (Temporary Part-time)** Genting Highlands, Pahang, Malaysia  
**Genting Group** December 2017 – March 2018

- Consistently dealt cards for table games, ensuring fair gameplay, managed bet calculations and transactions.